

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A throttle position detecting apparatus comprising:

an interlocking member being rotatable in conjunction with a throttle grip attached to a tip of a handlebar of a vehicle;

a detecting unit for detecting a rotation angle of the interlocking member; and

a case integrally including a first accommodation and a second accommodation, the interlocking member being rotatably and completely accommodated in the first accommodation and the detecting unit being accommodated in the second accommodation,

wherein the throttle position detecting apparatus detects a throttle position on the basis of the rotation angle of the interlocking member detected by the detecting unit,

wherein the interlocking member is a ring gear.

2. (original): The throttle position detecting apparatus according to claim 1, wherein the detecting unit comprises: a rotary body rotating in conjunction with the interlocking member and having a magnet, the magnet having different poles on the surface thereof; and an angle sensor having a magnetoresistance element for detecting a rotation angle of the rotary body.

3. (currently amended): A~~The~~ throttle position detecting apparatus ~~according to claim 1,~~
comprising:

an interlocking member being rotatable in conjunction with a throttle grip attached to a tip of a handlebar of a vehicle;

a detecting unit for detecting a rotation angle of the interlocking member; and

a case integrally including a first accommodation and a second accommodation, the interlocking member being rotatably accommodated in the first accommodation and the detecting unit being accommodated in the second accommodation,

wherein the throttle position detecting apparatus detects a throttle position on the basis of the rotation angle of the interlocking member detected by the detecting unit,

wherein the angle sensor is provided on each of a front surface and a back surface of a circuit board, and prescribed circuits are formed on the circuit board.

4. (currently amended): ~~The~~A throttle position detecting apparatus comprising:
an interlocking member being rotatable in conjunction with a throttle grip attached to a tip of a handlebar of a vehicle;

a detecting unit for detecting a rotation angle of the interlocking member; and

a case integrally including a first accommodation and a second accommodation, the interlocking member being rotatably accommodated in the first accommodation and the detecting unit being accommodated in the second accommodation,

wherein the throttle position detecting apparatus detects a throttle position on the basis of the rotation angle of the interlocking member detected by the detecting unit,

wherein the detecting unit comprises: a rotary body rotating in conjunction with the interlocking member and having a magnet, the magnet having different poles on the surface thereof; and an angle sensor having a magnetoresistance element for detecting a rotation angle of the rotary body according to claim 2,

wherein the angle sensor is provided on each of a front surface and a back surface of a circuit board, and prescribed circuits are formed on the circuit board.

5. (currently amended): The throttle position detecting apparatus according to claim 1, further comprising an urging unit for urging the interlocking member toward an initial position.

6. (currently amended): The throttle position detecting apparatus according to claim 2, further comprising an urging unit for urging the interlocking member toward an initial position.

7. (currently amended): The throttle position detecting apparatus according to claim 3, further comprising an urging unit for urging the interlocking member toward an initial position.

8. (currently amended): The throttle position detecting apparatus according to claim 4, further comprising an urging unit for urging the interlocking member toward an initial position.